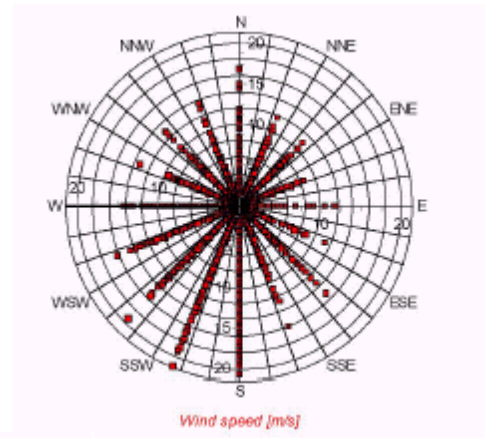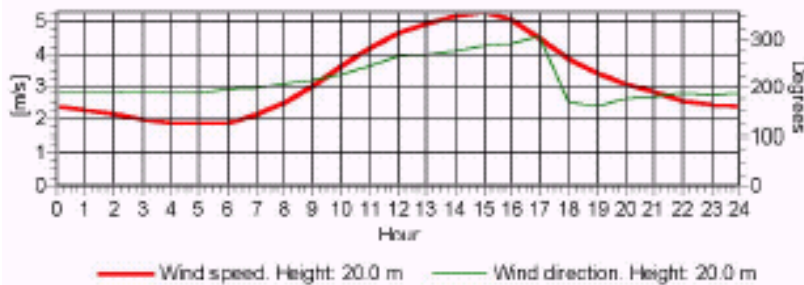# Monroe

1. Rose graph
This graph illustrates the relative frequencies for which the wind blows at certain speeds in certain directions. For the Monroe site, the wind blows from all directions, but most often from the south and south-southwest direction.
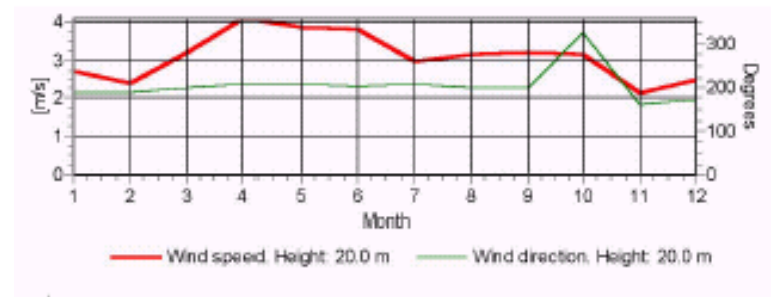

Wind speed [m/s]

2. Diurnal graph

Wind speed. Height: 20.0 m   Wind direction. Height: 20.0 m

This graph shows the average wind speed m/s, where Hour 0 corresponds to midnight. Note the increased wind speed in the late afternoon.

Similarly, this graph shows the average wind speed for each month of data collected by the anemometer (beginning in January).

Wind speed. Height: 20.0 m   Wind direction. Height: 20.0 m

3. Windpro Data

Monthly Mean Value of Wind Speed						
Month	2004		2005		Mean of month	
	M/s	Mph	M/s	Mph	M/s	Mph
Jan			2.7		2.7	
Feb			2.4		2.4	
Mar			3.2		3.2	
Apr	3.9		4.3		4.1	
May	4.0		3.7		3.9	
Jun	3.7		3.9		3.8	
Jul	3.3		2.8		3.0	
Aug	3.3		3.0		3.2	
Sep	3.4		3.0		3.2	
Oct	3.4		2.9		3.1	
Nov	2.1				2.1	
Dec	2.5				2.5	
Mean, all data	3.3		3.2			
Mean of months	3.3		3.2		3.1	